



# Enkamat®

## Permanent erosion prevention system

### PRODUCT DATA

7010

7018

7020

7220

#### Product details

|   |                |                   |           |           |            |                             |
|---|----------------|-------------------|-----------|-----------|------------|-----------------------------|
| Mass per unit area                            | (EN ISO 9864)  | g/m <sup>2</sup>  | 260       | 290       | 400        | 400                         |
| Nominal thickness                             |                | mm                | 10        | 18        | 20         | 18                          |
| Tensile strength (md/cmd) <sup>[1]</sup>      | (EN ISO 10319) | kN/m              | 2.0 / 1.4 | 2.0 / 1.2 | 2.3 / 1.5  | 2.0 / 2.2                   |
| Polymer 3-dimensional core                    |                |                   |           |           | PA6        |                             |
| Color   |                |                   |           |           | black      |                             |
| Polymer density                               |                | kg/m <sup>3</sup> |           |           | 1140       |                             |
| Temperature resistance                        |                | °C                |           |           | -40 to +80 |                             |
| Inflammability                                | (DIN 4102)     |                   |           |           | B2         |                             |
| Structure type                                |                |                   | open      | open      | open       | open,<br>one side flat back |
| 3 dimensional structure providing free volume |                | %                 |           |           | >95        |                             |
| Soil retention factor                         |                | m/m <sup>2</sup>  | 1810      | 1290      | 1420       | 2980                        |

#### Dimensions

|   |    |           |           |           |          |
|---|----|-----------|-----------|-----------|----------|
| Length <sup>[2]</sup> x width of geocomposite | m  | 150 x 1.0 | 120 x 1.0 | 100 x 1.0 | 60 x 1.0 |
| Length / diameter of roll                     | m  | 1.03/1.15 | 1.03/1.25 | 1.03/1.2  | 1.03/1.2 |
| Gross weight <sup>[3]</sup>                   | kg | 40        | 35        | 40        | 24.5     |

#### Prescription of installation

|                      |   |
|----------------------|---|
| Ageing:              | Good resistance to weathering and UV radiation.   |
| Chemical resistance: | Resistant to all chemicals in concentrations which are normally contained in the earth and surface water. |
| Toxicity:            | None; approved for use in potable water reservoirs; Enkamat is inert and not harmful to the environment.  |
| Rodent damage:       | No nutritive value; the tangled structure of the mat is unpleasant to burrowing animals and rodents.      |

- [1] md = machine direction / cmd = cross machine direction.  
 [2] Standard width is 1.0 m; widths of 1.95 m and 3.85 m are available on request;  
 [3] Gross weight = matting + packaging, individual values may vary.

